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DAHLIAS OFFERED

Name and color	Price per toe
Mrs. I. D. Ver Worner—deep mauve pink	
Mrs. Carl Salbach—pink, tinted with lavender	
Manzanola—deep red	
Tibelle—cactus red	
SMALL POMPOMS	
Dr. Jim—purple shaded white	10c
Yellow Gem-creamy yellow	
Cardinal—intense fiery red, long stems	
Snow Clad—a pure white ball	
Rosa Wilmoth—a deep rose pink.	

CASTLE GARDENS SPRING LAKE, MICH.



U. S. DEPARTMENT OF AGRICULTURE,

WASHINGTON, D. C.

Bureau of Plant Industry Horticultural Crops and Diseases

8-3591

GROWING PRIZE WINNING "GLADS"

Our aim is to furnish you with bulbs which are true to name, free from disease, and priced within the reach of everyone. We grow 150 varieties not listed here and can furnish them in small amounts. So if you have a glad in mind not listed here, write us about it and if we grow it we would gladly furnish you with small amounts of the bulbs.

Our terms are cash and orders prepaid. If you order \$5.00 or over you may select 20% additional bulbs free. We are generous with the "extras" and on orders over \$1.00 will include bulbs of one of the newer

originations; the amount depending of the size of the order.

We are offering bulbs in three sizes this year: large, medium and small. Large bulbs will give large flowers, medium bulbs usually give fair-sized flowers. Small bulbs will flower if planted early and can be used to build up a stock as they produce more bulblets than large bulbs.

If the cultural directions enclosed are followed, it will greatly help you in raising "Glads" which will win many prizes at the shows.



GLADIOLUS OFFERED

	LARGE		MEDIUM		SMALL	
	10	100	10	100	10	100
A. E. Kunderd (Kunderd)—salmon pink, rose blotch		2.50	.20 .20	1.75	.10	1.00
Beautiful Kunderd (Kunderd)—fairly good red	35	2.00	.25	1.50	.15	.75
Balboa (Briggs)—apricot pink.		$\frac{3.00}{2.00}$.35	2.00	.20	$\frac{1.00}{.75}$
Battle Creek (Kunderd)—deep violet		3.00	.30	1.50 2.25	.20	1.50
Big Black (Kunderd)—large dark maroon Blanch Bollenger (Kunderd)—ruffled old rose, pink		$\frac{2.00}{1.75}$.25 .20	$1.50 \\ 1.25$.15	.75 .60
Catherine Coleman (Coleman)—salmon to coral pink Chalice Flower (Kunderd)—creamy blush white	40	3.00 1.75	.25 .20	2.00 1.25	.15	1.50
Chas. Dickens (Pfitzer)—violet red, darker blotch	45	3.00	.30	2.00	.20	1.25
Dr. Moody (Kinyon)—very nice lavender Dr. F. E. Bennett (Diener)—good scarlet red		$\frac{3.00}{2.50}$	$\frac{.35}{.30}$	$\frac{2.00}{1.25}$	$\frac{.20}{.20}$	$\frac{1.00}{1.00}$
E. J. Shaylor (Kunderd)—rose pink	30	1.75	.20	1.25	.15	.60
Gaity (Kunderd)—slender, pink and white		1.75	.20	1.25	.10	.60
Gay Hussar (Salbach)—nice salmon orange, large		2.50	.25	1.75	.15	1.00
Keneral Kuroki (Kelway)—rich bright rose		2.00	.20	1.50 1.50	.10	.75 .75
Golden Dream (Groff)—the best all around yellow		2.50	.20	1.75	.10	1.00
Heavenly Blue (Pfitzer)—anetive blue, very good	50	3.50	.35	2.50	.20	1.50
Indian Maid (Kunderd)—peach pink	25	$\frac{1.50}{2.00}$.20	.75 1.50	.10	.50 .75
Leolla (Kunderd)—smoky old rose		$\frac{2.00}{1.75}$.20	$\frac{1.30}{1.25}$.10	.60
Kunderd Yellow Wonder (Kunderd)—butterfly yellow		1.75	.20	1.25	.10	.60
London Smoke (Diener)—oriental, smoky red		2.00	.25	1.50	.15	.75
Longfellow (Prestgard)—very nice LaFrance pink Los Angeles (Houdyshel)—grenadine pink		$\frac{2.00}{1.75}$	$\frac{.25}{.20}$	$\frac{1.50}{1.25}$.15	$\frac{.75}{.60}$
Maiden's Blush (Grullemans)—flesh pink		1.75	.20	1.25 1.25	.10	.60
Mary Pickford (Kunderd)—creamy white	30	1.75	.20	1.25	.10	.60
Mr. W. H. Phipps (Diener)—giant LaFrance pink		3.00	.35	2.00	.20	1.25
Mrs. F. C. Peters (Fischer)—very fine lavender		2.00	.25	$1.50 \\ 1.50$.15 .15	.75 .75
Mrs. VanKoenyenburg (Pfitzer)—light blue, purple cast		3.00	.35	2.00	.20	1.50
Nancy Hanks (Salbach)—tall, strong, orange pink	40	2.00	.25	1.50	.15	.75
Nataile (Kunderd)—deep orange salmon Olive Goodrich (Goodrich)—light cream pink	30	1.75	.20	1.25	.10	.60
Pfitzer's Triumph (Pfitzer)—salmon orange, red blotch		$\frac{2.00}{3.00}$.25	$\frac{1.50}{2.00}$	$\frac{.15}{.20}$	$\frac{.75}{1.00}$
Romance (Kunderd)—smoky salmon rose		1.75	.20	1.25	.10	.60
Ruth Huntington (Kunderd)—violet lilac		1.75	.20	1.25	.10	.60
Sarabrand (Salbach)—Bordeaux velvet		2.00	.25	$\frac{1.50}{1.55}$.15	.75
Scarlet Princess (Kunderd)—good scarlet'	30 30	1.75 1.75	.20	$1.25 \\ 1.25$.10 .10	.60 .60
Serrata (Bill)—nice cream and pink.	50	3.00	.35	2.00	.20	1.00
Wm. G. Badger (Metzner)—very attractive early pink Veilchenblau (Pfitzer)—violet, pansy blotched, blue		$\frac{3.00}{3.00}$.35	$\frac{2.00}{2.25}$.20	$\frac{1.00}{1.50}$
Yellow Treasure (Austin)—rich yellow, good		1.75	.20	1.25	.10	.60
Watermelon (Kunderd)—large, watermelon color	30	1.75	.20	1.25	.10	.60
Mixed—a very good collection of colors		1.50	.15	.75	.10	.50
Purple Glory—red	35	2.00	.20 .20	$1.50 \\ 1.50$.10	.70 .70
Giant Nymph—pink	35	2.00	.20	1.50	.10	.70

GROWING PRIZE WINNING "GLADS"

Plant any time after the first of May until the last week in June.

Plant in rows or beds where they get the full benefit of the sun.
Keep away from buildings, walls, shrubbery and trees.
Soil should be well fertilized the previous fall to planting, dug and left rough so as to thoroughly air out.

Use only well rotted manure in spring. Use sheep or cow manure. Prepared fertilizer such as Vigoro or Dryconure is very good.

Plant from four to six inches deep, according to the heavy or light soil; deeper for light, sandy soil.

Plant in rows 18 to 20 inches apart, and 4 to 6 inches apart in rows. If cramped

for room plant thickness of bulbs apart.

Disinfect all bulbs regardless of their source, dipping in a solution made up of one ounce of mercuric bichloride to eight gallons of water for at least two or three hours. Mercuric chloride can be secured at your drug store.

Keep cultivated one-half to two inches deep.

Keep well watered, soaking them twice a week.

During the growing season, before flowering, it is well to spray about every 10 days with the following solution: one-half pint molasses to three gallons of water, and add two heaping tablespoons of paris green. Apply with strong pressure.

In cutting blooms, cut when first bloom is open, making a slanting cut, leaving four to six leaves on stalk to mature bulb.

The time to dig is after stalks turn brown: cut off stalks shout one-half inch

The time to dig is after stalks turn brown; cut off stalks about one-half inch from bulb immediately after digging. It is well to burn these stalks to destroy any bugs or disease.

Dry the bulbs in open air or well ventilated attic. Clean when dry.

During the winter it is well to place bulbs in container with Napthalene flakes for a period of two weeks to destroy any thrips present.

If the above directions are followed no disease or thrips will infest your patch and you should have a highly successful season with the glads.